

PRNC-APWO 11345/2 (10-64)

ENG FORM 3706 (OT)
1 NOV '63REPORT FORMAT
(to be reproduced as required)RCS
ENGMC-D(OT)577WATER AND SEWERAGE FACILITIES SURVEYSample Survey No. 11111
(As shown on List of Buildings)Date prepared 17 NOV. 1965SECTION A. - FACILITY IDENTIFICATION
(Use latest NFSS or Updating Survey Data)WASHINGTON HOTEL

1. Name of facility

2. Address 1424 - 1434 F ST NW3. S.L. 22110063 BCFAC. NO. 11111
(w/Alpha part, if approp.)USE 111SECTION B. - SHELTER SPACES IN FACILITY
(Use latest NFSS or Updating Survey Data)

1. Number of existing PF Category 2-8 shelter spaces

3363

2. Number of improvable ("Added") shelter spaces

SECTION C. - WATER AVAILABLE IN SUPPLY SYSTEMS

(Enter for each of the systems listed below, gallons of water available in the same building as the shelter. These quantities are to exclude any water presently stored in CD drums as part of the fallout shelter stocks.)

1. Normal Supplies (Including Plumbing System, Only):

<u>Source</u>	<u>Col.(1) Potable</u>	<u>Col.(2) Non-Potable</u>
a. Piping (hot and cold water supply)	<u>750</u>	
b. Storage Tanks	<u>1000</u>	
c. Hot Water Tanks	<u>1150</u>	
d. Toilet and Urinal Tanks		
e. Indoor Pools and Fountains		
f. Other		
g. TOTAL (Gallons)	<u>2900</u>	<u>0</u>

SECTION C (Con't)2. Heating and Air Conditioning Systems:

<u>Source</u>	<u>Col.(1)</u> Potable	<u>Col.(2)</u> Non-Potable
a. Heating System*		
(1) Piping and Radiators		1000
(2) Boilers and Tanks		2275
(3) Other		
b. Air Conditioning System*		
(1) Piping and Coils		
(2) Tanks and Cooling Equipment		250
(3) Other		
c. TOTAL (Gallons)	0	3325
*If totals are readily available, individual breakdowns within a and b are not required.		
3. <u>Fire Protection System:</u>		
a. Piping		95
b. Storage		
c. TOTAL (Gallons)	0	95
4. TOTAL (C1, C2, and C3, above) Gallons	2900	3420
5. Wells, if available, rated gal/min:	0	0

Remarks: (Source of data; type of contaminant, if readily available; brief description of well or spring including pump, power, and estimated reliability other pertinent items).

SECTION D - COST ESTIMATES

(Enter cost estimates for making available to shelterees the total quantities of potable and non-potable water shown in Columns (1) and (2) of Section C. Estimates are for planning purposes, only, and will be based upon the best on-site information readily available. Include under "Remarks" a brief description of modifications and major features contributing to the costs. If desired, a simple sketch may be attached)

1. Potable Water:

<u>Source</u>	<u>Cost in Dollars</u>
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a. Normal Supplies: \$ _____

Remarks: _____

b. Heating and Air Conditioning Systems: \$ _____

Remarks: _____

c. Fire Protection System: \$ _____

Remarks: _____

d. TOTAL (a + b + c, above): \$ _____

e. Wells (enter cost to make available the capacity shown in Section C5. An auxiliary power source must be included if normal power is obtained from external sources. The requirement for emergency power for water supply is a departure from the "power on" assumption used during the NFSS.) \$ _____

Remarks: _____

SECTION D (Con't)

2. Non-Potable Water:

(Enter costs to make available the quantities of non-potable water shown in Section C. Treatment to make water potable will not be considered).

<u>Source</u>	<u>Cost in Dollars</u>
a. Normal Supplies:	\$ _____
Remarks: _____	_____
_____	_____
_____	_____
b. Heating and Air Conditioning Systems:	\$ _____
Remarks: _____	_____
_____	_____
_____	_____
c. Fire Protection System:	\$ _____
Remarks: _____	_____
_____	_____
_____	_____
d. TOTAL (a + b + c, above):	\$ <input type="text"/> 0
e. Wells (enter cost to make available the capacity shown in Section C5. An auxiliary power source must be included if normal power is obtained from external sources. The requirement for emergency power for water supply is a departure from the "power on" assumption used during the NFSS.)	\$ <input type="text"/> 0
Remarks: _____	_____
_____	_____
_____	_____

SECTION E - SEWERAGE SYSTEMS

(Section E will be completed only when quantities are shown in the "Potable" column in Section C)

1. Estimated sewage quantity:

3363 Gal/day

(Use 1 gal/day/space for the number of shelter spaces shown in Item B-1. Note: This figure is assumed for the purposes of this survey only, and includes an allowance for flushing).

2. Estimated capacity of sewer main(s) from building:

1,944,000 Gal/day

(Include existing sanitary, storm and/or other sewer mains which operate by gravity flow, only. Do not include flow from a sewage lift station in building unless stand-by power is available for its operation).

3. Water closets available to shelters:

400 Units

(Include all water closets within or accessible to the shelter areas in the building without direct exposure of personnel to radiation).

4. Estimated modification costs:

\$ 0

(Modifications will be considered only when entry in Item 2 is less than Item 1, above; or when shelter area(s) have no access to a gravity sewer or storm drain without direct exposure of personnel to radiation. Include modifications, such as the addition of a "wye" or "tee" for access into the line. Do not include items such as major extensions to or re-routing of existing lines, or addition of pumps or power for pumping. Cost estimates are for planning purposes, only and will be based upon the best on-site information readily available. If desired, a simple sketch may be attached).

Remarks: (Include brief description of proposed modifications and statement as to remaining deficiency, if any, to meet requirement in Item 1, above).
